

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|-----------|--------------------------|---|
| Validating electrophysiological endophenotypes as translational biomarkers of autism | \$28,049 | Q4.S.B | University of Pennsylvania |
| Using functional physiology to uncover the fundamental principles of visual cortex | \$307,593 | Q2.Other | Carnegie Mellon University |
| Treatment of sleep disturbances in young children with autism | \$222,265 | Q4.S.H | University of Pittsburgh |
| Transcriptional responsiveness in lymphoblastoid cell lines | \$52,863 | Q2.Other | University of Pennsylvania |
| Training school psychologists as specialists in the inclusion of students with autism | \$0 | Q5.Other | Lehigh University |
| The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum | \$75,000 | Q3.L.B | The Pennsylvania State University |
| Temporal coordination of social communicative behaviors in infant siblings of children with autism | \$0 | Q1.L.A | University of Pittsburgh |
| Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local | \$0 | Q2.S.G | Children's Hospital of Philadelphia |
| Simons Variation in Individuals Project (VIP) Recruitment Coordination Site | \$66,702 | Q2.S.G | Weis Center For Research - Geisinger Clinic |
| Simons Variation in Individuals Project (VIP) Functional Imaging Site | \$303,305 | Q2.S.G | Children's Hospital of Philadelphia |
| Sensor-based technology in the study of motor skills in infants at risk for ASD | \$242,606 | Q1.L.A | University of Pittsburgh |
| Reducing obesity risk in children with developmental disabilities | \$29,999 | Q5.L.D | Temple University |
| Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists | \$199,980 | Q5.L.C | Bloomsburg University of Pennsylvania |
| Penn State Children's Communicative Competence Project | \$249,927 | Q5.Other | Pennsylvania State University-University Park |
| Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders | \$499,934 | Q5.L.C | Pennsylvania State University-University Park |
| PA Community on Transition: Achieving outcomes through a shared agenda | \$281,250 | Q6.L.A | Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry |
| Novel computational methods for higher order diffusion MRI in autism | \$665,572 | Q2.Other | University of Pennsylvania |
| Novel animal models of impaired social behavior and anxiety: A role for MeCP2 | \$198,000 | Q3.L.C | University of Pennsylvania |
| Neurobiology of sociability in a mouse model system relevant to autism | \$350,831 | Q4.S.B | University of Pennsylvania |
| Mitochondria and the etiology of autism | \$87,500 | Q3.L.B | Children's Hospital of Philadelphia |
| Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system | \$0 | Q2.Other | Carnegie Mellon University |

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| Leadership Education in Neurodevelopmental Disabilities | \$26,000 | Q4.Other | University of Pennsylvania |
| Interstate variation in healthcare utilization among children with ASD | \$492,828 | Q5.S.A | University of Pennsylvania |
| Implementing evidence-based social skills interventions in public school settings | \$0 | Q4.L.D | University of Pennsylvania/Children's Hospital of Philadelphia |
| Gene dosage imbalance in neurodevelopmental disorders | \$690,019 | Q1.S.E | Weis Center For Research - Geisinger Clinic |
| Functional neuroimaging of attention in autism | \$234,240 | Q2.S.E | University of Pennsylvania/Children's Hospital of Philadelphia |
| Functional circuit disorders of sensory cortex in ASD and RTT | \$254,976 | Q2.S.D | University of Pennsylvania |
| Eye movement dynamics in autism spectrum disorders | \$42,350 | Q2.Other | Carnegie Mellon University |
| Extended School Year/Summer Camp (ESY/SC) | \$0 | Q6.L.A | S.A.F.E., Inc. (Supporting Autism and Families Everywhere) |
| Exploring the uncanny valley | \$0 | Q2.Other | Carnegie Mellon University |
| Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X | \$542,684 | Q4.S.B | University of Pennsylvania |
| Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders | \$100,000 | Q4.S.F | University of Pittsburgh |
| Ethics of communicating scientific findings on autism risk | \$533,354 | Q7.E | Drexel University School of Public Health |
| Estimating the economic costs of autism | \$37,500 | Q6.L.D | University of Pennsylvania |
| Electrophysiological signatures of language impairment in autism spectrum disorder | \$344,521 | Q1.L.B | University of Pennsylvania/Children's Hospital of Philadelphia |
| Efficacy and sustainability of the STAR program | \$383,488 | Q4.S.D | University of Pennsylvania |
| Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism | \$0 | Q4.S.C | Thomas Jefferson University |
| Early social and emotional development in toddlers at genetic risk for autism | \$369,348 | Q1.L.A | University of Pittsburgh |
| Early life environmental exposures and autism in an existing Swedish birth cohort | \$0 | Q3.S.H | Drexel University |
| Early intervention/early childhood special education autism specialization | \$250,000 | Q5.Other | University Of Pittsburgh |
| Early identification of autism: A prospective study | \$481,734 | Q1.L.A | University of Pittsburgh |
| Development of ventral stream organization | \$137,338 | Q2.Other | University of Pittsburgh |
| Creating the Developmental-Behavioral Pediatrics Research Network | \$220,000 | Q7.N | Children's Hospital of Philadelphia |
| Collaborative research: The path to verb learning | \$0 | Q2.Other | Temple University |

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| Collaborative research: Learning complex auditory categories | \$0 | Q2.Other | Carnegie Mellon University |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$16,000 | Q1.L.B | Carnegie Mellon University |
| Cognitive control of emotion in autism | \$103,256 | Q2.Other | University of Pittsburgh |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania | \$900,000 | Q3.L.D | University of Pennsylvania/Children's Hospital of Philadelphia |
| CDI-TYPE II: From language to neural representations of meaning | \$0 | Q2.Other | Carnegie Mellon University |
| Autoimmunity against novel antigens in neuropsychiatric dysfunction | \$320,000 | Q2.S.A | University of Pennsylvania |
| Autism Treatment Network (ATN) 2011- U of Pittsburgh | \$140,000 | Q7.N | University of Pittsburgh |
| Autism Treatment Network (ATN) 2011- CHOP | \$140,000 | Q7.N | Children's Hospital of Philadelphia |
| Autism Genome Project (AGP) Core Consortium | \$50,985 | Q3.L.B | University of Pittsburgh |
| A study of autism | \$162,232 | Q2.L.B | University of Pennsylvania |
| Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders | \$0 | Q2.S.E | University of Pennsylvania |
| A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders | \$0 | Q4.S.F | University of Pittsburgh |
| A history of behavioral genetics | \$19,900 | Q3.Other | University of Pittsburgh |
| A genome-wide search for autism genes in the SSC Pittsburgh | \$0 | Q3.L.B | University of Pittsburgh |
| Adverse prenatal environment and altered social and anxiety-related behaviors | \$0 | Q4.S.B | University of Pennsylvania |
| A developmental social neuroscience approach to perception-action relations | \$0 | Q2.Other | Temple University |
| Adapting cognitive enhancement therapy for ASD | \$198,582 | Q4.Other | University of Pittsburgh |
| ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network | \$2,864,377 | Q3.L.A | Drexel University |
| ACE Center: Systems connectivity + brain activation:imaging studies of language + perception | \$426,284 | Q2.Other | University of Pittsburgh |
| ACE Center: Subject assessment and recruitment core | \$845,682 | Q7.Other | University of Pittsburgh |
| ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion | \$157,294 | Q2.Other | University of Pittsburgh |
| ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways | \$1 | Q2.Other | University of Pittsburgh |
| ACE Center: Development of categorization, facial knowledge in low & high functioning autism | \$392,439 | Q2.Other | University of Pittsburgh |

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| 5/5-Randomized trial of parent training for young children with autism | \$236,226 | Q4.S.D | University of Pittsburgh |
| 1/3-Atomoxetine placebo and parent training in autism | \$269,971 | Q4.S.F | University of Pittsburgh |

